Thank you for choosing the Reliance EC5805 Wi-Fi Router (EC5805).

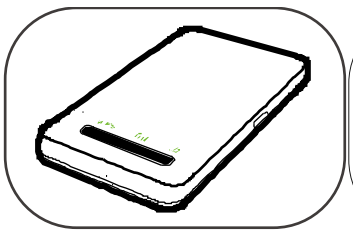
Note:

- Supported functions and actual appearance depend on the specific models you purchased. The following illustrations are provided for your reference only. For details about the model you selected, consult your service provider.
- This guide briefly describes the functions of the EC5805. For details about how to set management parameters, see Help on the web management page.
- If the EC5805 is placed in an environment with poor ventilation, it may overheat after extended use. When the EC5805 overheats, it will switch off or disconnect from the network automatically to protect itself. If this happens, place the EC5805 in a well-ventilated location, then restart the EC5805.

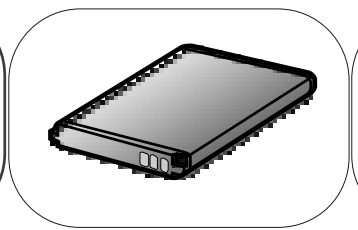
Getting to Know Your EC5805

Packing List

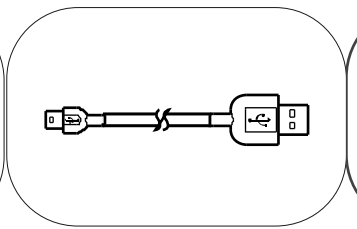
The package should contain the following items. If any of the items are missing or damaged, contact your local dealer immediately.



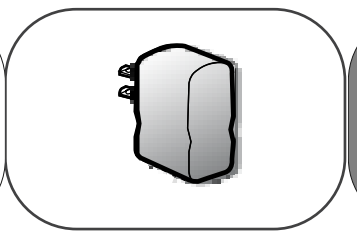
Main unit



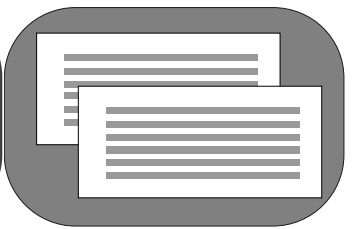
Battery



Data cable



Charger



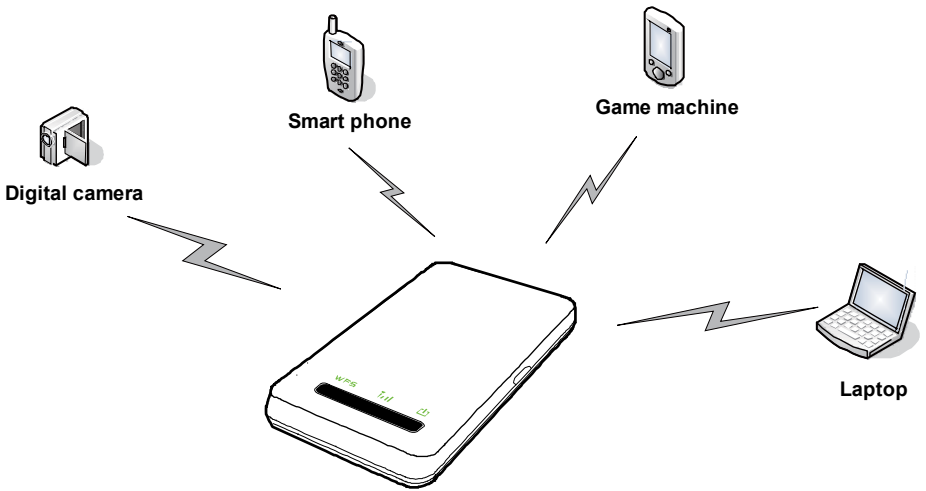
Quick Start Guide
Safety Information

Some accessories are optional and are not provided with the modem. To purchase any optional accessories, contact your local dealer.

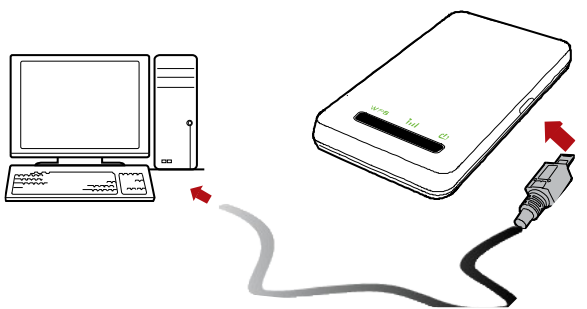
Connection Scenarios

A Wi-Fi device or computer can be connected to the Internet through the EC5805. The actual connection procedure depends on the operating system of the Wi-Fi device or computer. The connection scenarios illustrated here are for your reference.

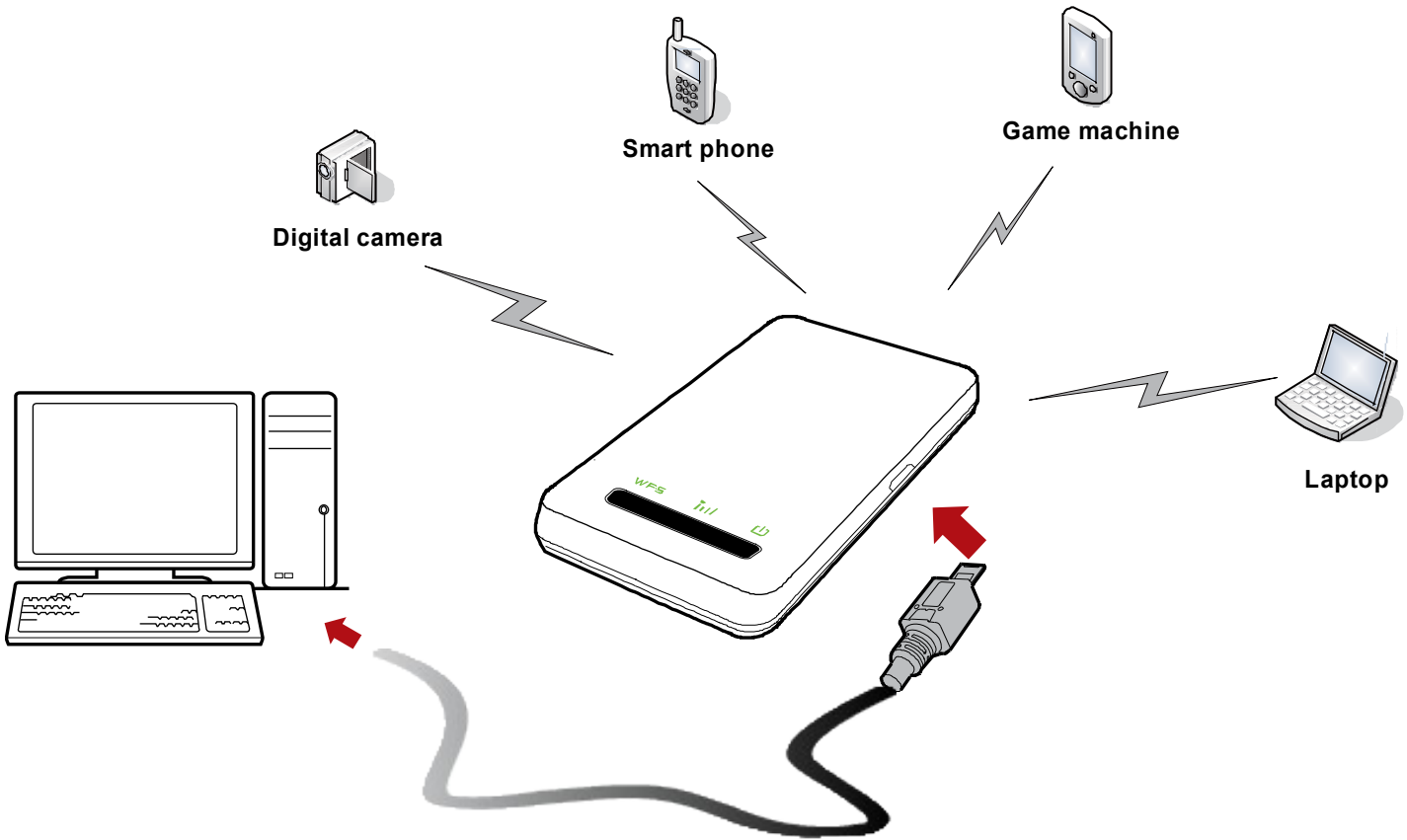
Scenario 1: Multi-device access via Wi-Fi



Scenario 2: One-device access via USB

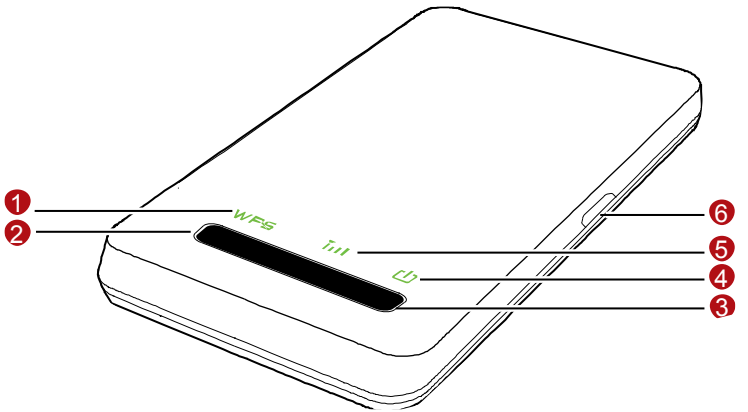


Scenario 3: Multi-device access via Wi-Fi and USB at the same time



Appearance

No.	Item
1	Wi-Fi/WPS indicator
2	Wi-Fi/WPS button
3	Power button
4	Power indicator
5	Signal indicator
6	USB connector



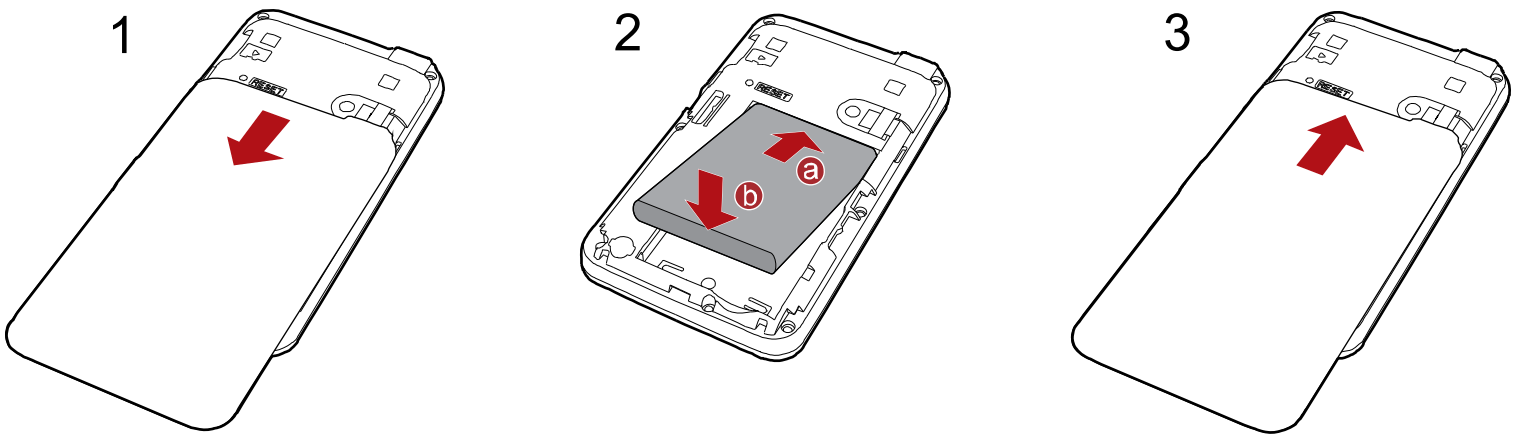
Note:

- Wi-Fi: wireless fidelity
- WPS: Wi-Fi protected setup

Indicator	Status
Wi-Fi/WPS	• Off: Wi-Fi and WPS are disabled. • Continuously on green: Wi-Fi is enabled. • Blinking green: The WPS is enabled.
Power	• Blinking red: Battery power level is low and must be charged immediately. Otherwise the EC5805 will power off automatically. • Continuously on red: Battery power is weak. • Blinking green: Battery is being charged. • Continuously on green: Battery power is good.
Signal	• Continuously on red: The signal is inexistent • Continuously on blue: The signal is existent. • Fast blinking blue: The EC5805 is dialing up to the Internet. • Continuously on green: The EC5805 is connected to the Internet. • Fast blinking green: The EC5805 is uplink and downlink data.

Installing the Battery

Install the battery as shown.



Installing the microSD Card

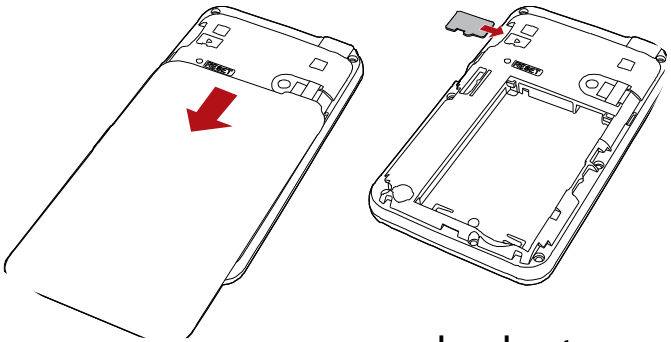
Install the microSD card as shown.

Note:

- The microSD card is an optional accessory. If a microSD card did not come with

your Wi-Fi Router, you may purchase one yourself.

- To remove the microSD card, press in the card gently. The microSD card will pop out for removal.
- Do not remove the microSD card when it is in use. Doing so may damage the card and the EC5805, and data stored on the card may be lost.

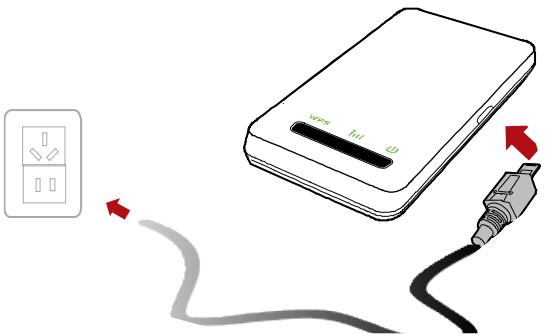


Charging the Battery

Note:

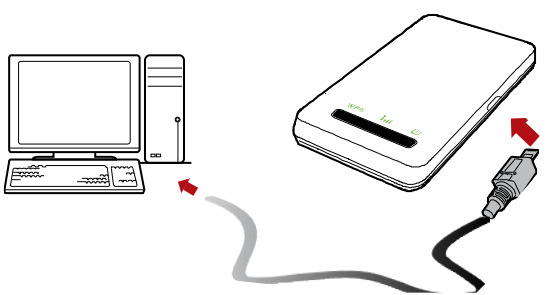
- If the battery has not been used for a long time, it must be charged first.
- If the power indicator blinks red during the charging, you must wait for the power indicator to blink green, and then use the EC5805.

Method 1: Using the charger



Caution: Only use chargers compatible with the EC5805 and provided by a designated manufacturer. Use of an incompatible charger or one from an unknown manufacturer may cause the EC5805 to malfunction, fail, or could even cause a fire. Such use voids all warranties, whether expressed or implied, on the product.

Method 2: Connecting to a PC for charging



Connect the EC5805 to a PC using a compatible data cable.

Accessing the Internet via Wi-Fi Connection

Note: By default, management parameters are preset on the EC5805 according to the requirements of the service provider. Follow the steps below to quickly access the Internet. For the details about how to set management parameters, see *Help* on the Web management page.

Step1: Power on the EC5805.

Step2: Establish a Wi-Fi Connection.

Step3: Access the Internet.

1. Power on the EC5805

Press and hold power button until the indicators turn on. The EC5805 is powered

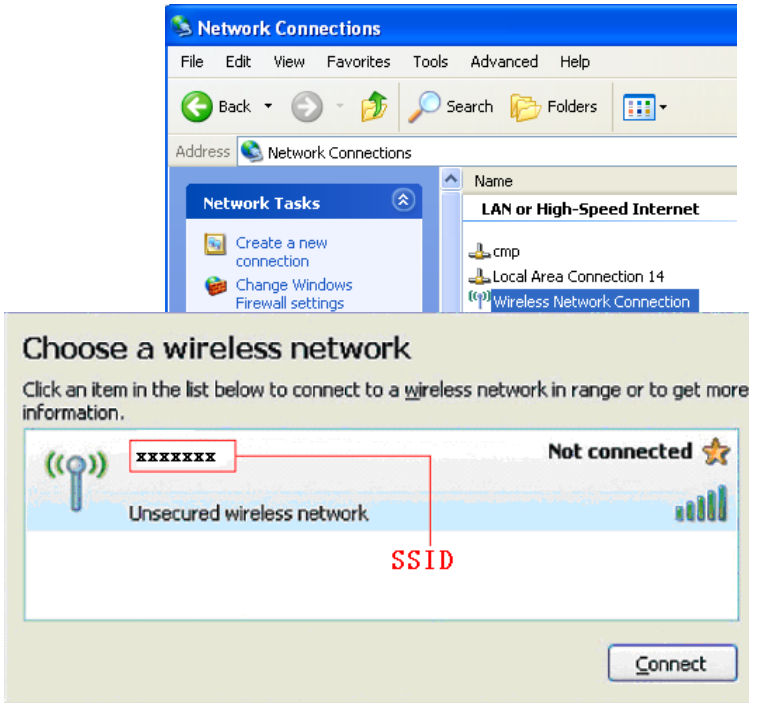
on.

Note: Press and hold power button until the indicators turn off. The EC5805 is powered off.

2. Establish a Wi-Fi Connection (Take a computer with Windows XP operating system as an example)

. 1 Make sure that the Wi-Fi/WPS indicator is continuously on green.

. 2 Select **Start > Control Panel > Network Connections > Wireless Network Connection**.



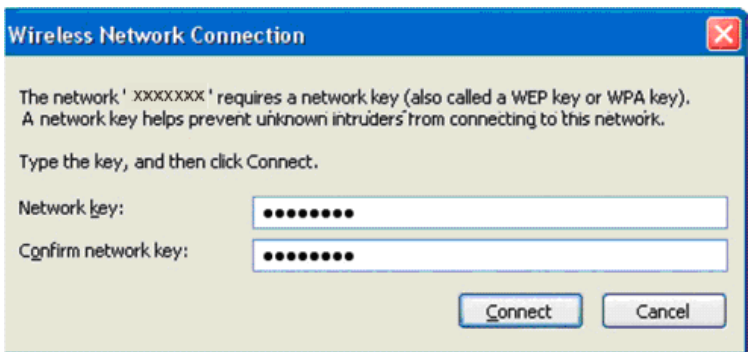
Note: To set up a Wi-Fi connection, the PC must have a wireless network adapter installed. If **Wireless Network Connection** is displayed, a wireless network adapter is available. Otherwise, check to make sure

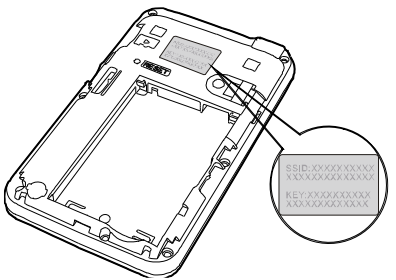
you have a wireless network adapter installed.

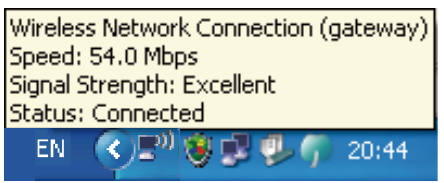
. 3 Click **View available wireless networks** to display a list of wireless networks available.

. 4 Select a network that has the same SSID as that of the EC5805, and then click Connect. Note:

- If the encryption parameter is already set for the EC5805, the **Wireless Network Connection** dialog box is displayed. Enter the network key in the dialog box as shown below.
- The SSID and key label are affixed to your EC5805, as illustrated below.


Wireless Network Connection
The network ' xxxxxxx ' requires a network key (also called a WEP key or WPA key).
A network key helps prevent unknown intruders from connecting to this network.
Type the key, and then click Connect.
Network key:
Confirm network key:
Connect
Cancel





Wait until the wireless connection icon is displayed in the status area in the lower right corner of the PC screen.

3. Access the Internet

After successfully establishing a Wi-Fi connection, access the Internet in either the **On Demand** or **Manual** mode. The default mode is **On Demand**.

Mode	Operations
On Demand	After the EC5805 is powered on, it can automatically connect to the network when data transmission is required. If no data transmission occurs over a certain period of time, the EC5805 automatically disconnects from the Internet.
Manual	Launch the web management page and follow the prompts to connect to or disconnect from the network.

Note:

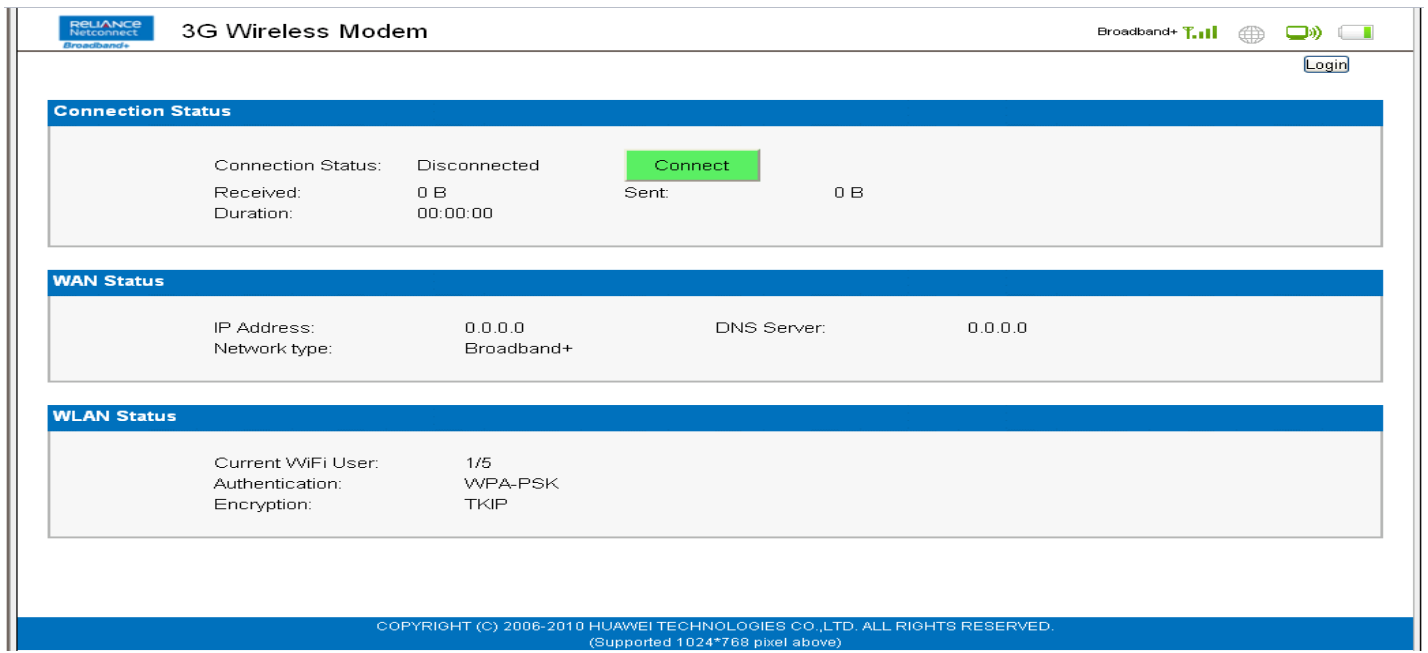
- Launch the web management page (http://192.168.1.1) to select the mode for accessing the Internet.
- If the EC5805 accesses the roaming network, the EC5805 automatically disconnects from the established network connection. While in the roaming

network, you can only establish a network connection manually.

Accessing the Web Management Page

. 1 Make sure that the connection between the EC5805 and the client is a proper one.

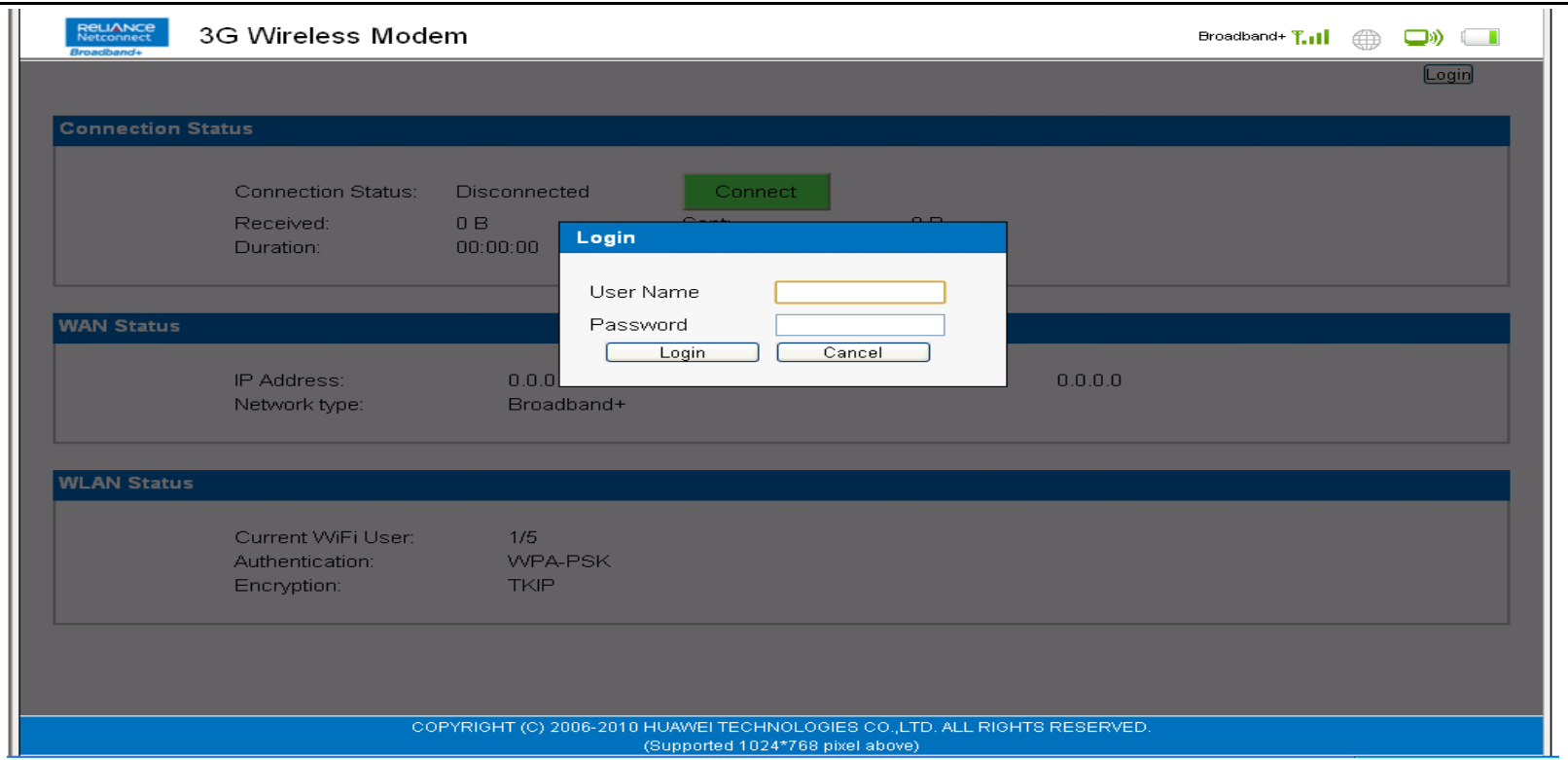
. 2 Start the Internet browser and enter **http://192.168.1.1** in the address bar.



. 3 Click the **Login** button on the upper-right corner of the page.

. 4 To **connect** internet Click the **‘Connect’** button on index page.

. 5 Enter the user name and password, and then click **Login**.



Note:

The default user name is **admin** , The default password is **admin**.

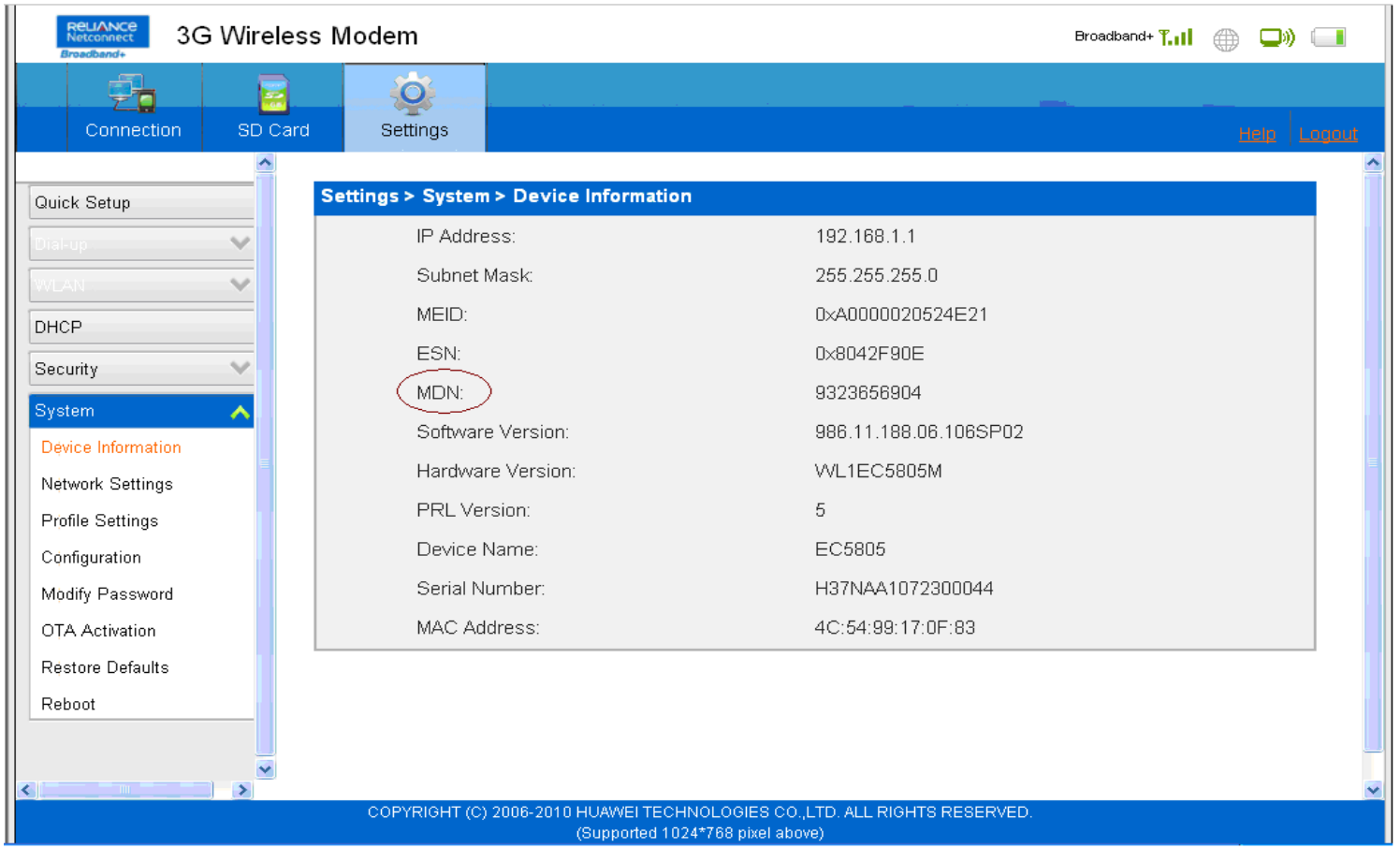
Sharing Data Stored on the microSD card

After the microSD card is inserted, you can store data on the card or use the web management page to share data stored on the card.

. 6 Insert the microSD card.

. 7 Access the web management page.

. 8 Click **SD Card** to manage the data stored on the microSD card.


Reliance Netconnect Broadband+
3G Wireless Modem
Broadband+
Connection
SD Card
Settings
Help
Logout
Quick Setup
Dial-up
WLAN
DHCP
Security
System
Device Information
Network Settings
Profile Settings
Configuration
Modify Password
OTA Activation
Restore Defaults
Reboot
Settings > System > Device Information
IP Address: 192.168.1.1
Subnet Mask: 255.255.255.0
MEID: 0xA0000020524E21
ESN: 0x8042F90E
MDN: 9323656904
Software Version: 986.11.188.06.106SP02
Hardware Version: WL1EC5805M
PRL Version: 5
Device Name: EC5805
Serial Number: H37NAA1072300044
MAC Address: 4C:54:99:17:0F:83
COPYRIGHT (C) 2006-2010 HUAWEI TECHNOLOGIES CO.,LTD. ALL RIGHTS RESERVED.
(Supported 1024*768 pixel above)

Please Note above details is for example purpose.

Settings

. 9 Setting > System > Device Information – All the information regarding the Device is provided

. 10 Setting > System > network Settings – Preferred operating mode is shown, ideally the device should be kept in HYBRID (Broadband+ & High Speed 1x)

. 11 Setting > System > Profile Settings – Please input the MDN which you can check from Setting > System > Device Information.

Username: MDN
Password: MDN
Authentication: PAP+CHAP

. 12 Setting > System > Modify Password – You can change the login password.

Daily Use

Power Saving Mode

If no operation is performed on the EC5805 for a while, the power indicator slowly blinks green, and all other indicators are off. The EC5805 is in standby state.
If the EC5805 has not been accessed for 10 minutes (by default), it goes to deep sleep state and Wi-Fi is disabled.
When the EC5805 is in deep sleep state, press and hold Wi-Fi/WPS button to enable Wi-Fi.

Enabling/Disabling the Wi-Fi Function

When the EC5805 is powered on, Wi-Fi is enabled by default.
Press and hold the Wi-Fi/WPS button until the Wi-Fi/WPS indicator is continuously on green. This indicates that the Wi-Fi is enabled.

Note: Press and hold the Wi-Fi/WPS button until the Wi-Fi/WPS indicator is off. Wi-Fi is now disabled.

Establishing a WPS Connection

If a Wi-Fi client connected to the EC5805 supports the WPS function, the EC5805 can generate a network key without manual input. To establish a WPS connection, perform the following steps:

. 1 Power on the EC5805.

. 2 Start the client.

. 3 Enable the WPS function of the EC5805.

Note: After Wi-Fi is enabled, press and hold the Wi-Fi/WPS button. When Wi-Fi/WPS indicator becomes off first and then blinking green. WPS is now enabled.

. 4 Enable the WPS function of the client.

Note: For client Wi-Fi operations, see the clients' user guide.

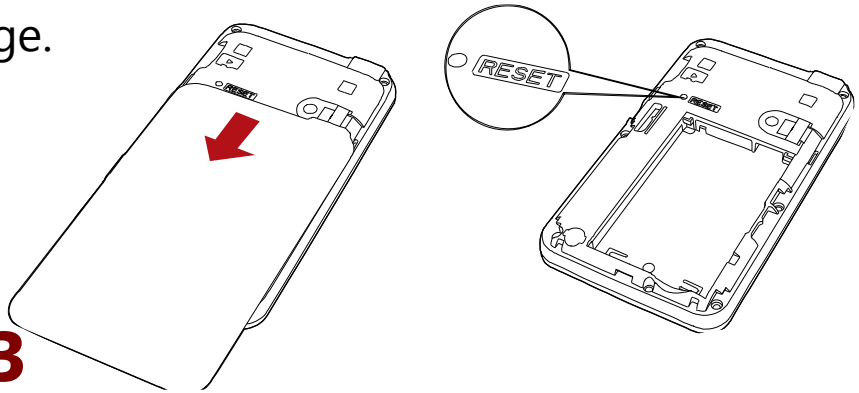
Restoring Factory Defaults

If you forget the changes you have made to some parameters, you may restore factory defaults and reconfigure the EC5805.
To restore the factory defaults, press and hold the RESET button until all the indicators are off. All factory default settings are successfully restored.
Note: Restoring factory defaults deletes all personal configuration settings and restores all web-based management settings and parameters to their default values.

Tips

If you are experiencing difficulties using the EC5805, try the following:

- See *Help* on the web management page.
- Restart the EC5805.
- Restore the factory defaults.
- Contact your service provider.

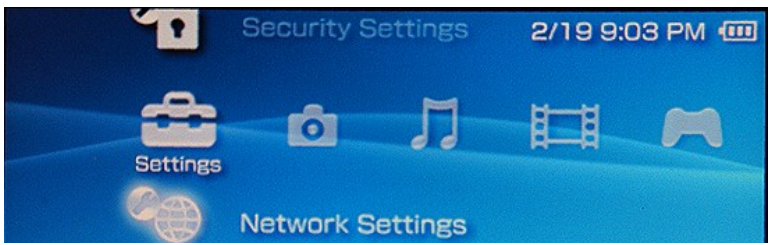


Example 1: Wi-Fi Connection to Game Machine (Sony PSP)

. 1 Make sure that the Wi-Fi of the EC5805 is enabled.

. 2 Turn on the PSP WLAN switch.

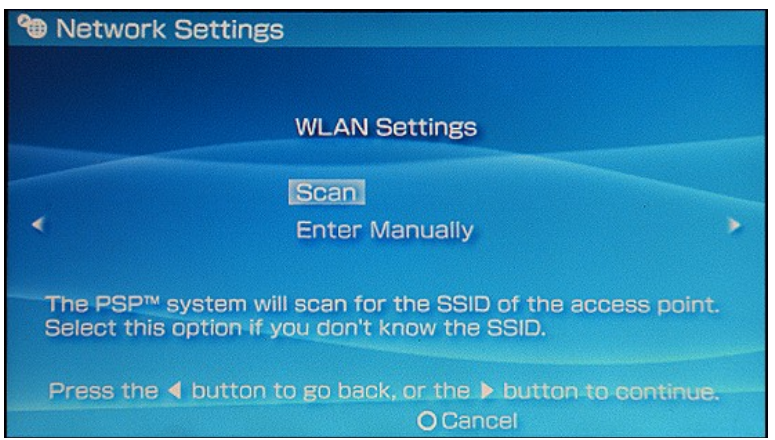
. 3 Select **Settings** > **Network Settings.**



. 4 Select **Infrastructure Mode** to connect to your local Wi-Fi access point.

. 5 Select **New Connection** to specify an easy to remember connection name (such as **MyEC5805**).

. 6 Select **Scan** to detect all networks within range. The access point list is displayed.


Network Settings
WLAN Settings
Scan
Enter Manually
The PSP™ system will scan for the SSID of the access point.
Select this option if you don't know the SSID.
Press the ◀ button to go back, or the ▶ button to continue.
○ Cancel

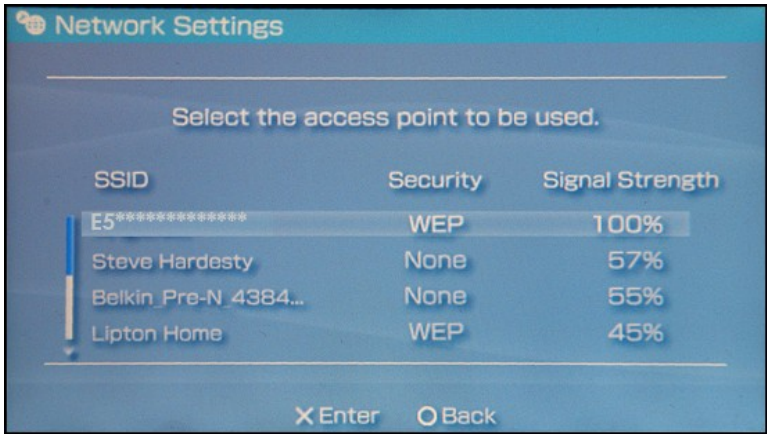
. 7 Select the SSID the same way as you did for the EC5805. First press the ► button of your game machine to confirm the SSID and then press it again to input the Wi-Fi key.

- **SSID**: The Wi-Fi name of the EC5805.
- **WEP**: The Wi-Fi key of the EC5805.
- The default SSID and key label are affixed to the EC5805.

. 8 Press the ► button of your game machine to continue, and then press the **X** button to save the settings.

. 9 Select **Test Connection** to check the connection. If the test succeeds, you are online.

. 10 Go to **Internet Browser**.



Example 2: Wi-Fi Connection to a Smart Phone (iPhone)

. 1 Make sure that the Wi-Fi of the EC5805 is enabled.

. 2 Select **Settings** > **Wi-Fi**, and then turn on Wi-Fi.

. 3 Automatically detect the networks in range and display the access point list.

. 4 Select a network that the EC5805 is using.

. 5 If necessary, enter a password and tap **Join**. (Networks requiring a password appear with a lock icon.)

Note: Some Wi-Fi clients such as iTouch, PS3 and NDS can also access the Internet via the EC5805. For details, see the user guides of the Wi-Fi clients.

Frequently Asked Questions (FAQ)

What can I do if a client cannot access the Internet?

1. Check that the client is properly connected to the EC5805.
2. Check power status to ensure that the EC5805 is powered on.
3. Check signal strength to ensure that the area is covered by the network.
4. Check that the **User Name**, **Password** and **Authentication** are correct. For details, See **Profile Settings** on the web management page.
5. If the DHCP server is disabled and the client obtains an IP address dynamically, the client cannot access the Internet either. In this case, change the access mode to manually assign an IP address. See **DHCP** on the web management page for more information.
6. Check that the network adapter of your client operates properly.
7. If the problem persists, please consult your service provider.

What can I do if a client cannot access the WLAN?

. 1 If interference seems to be the problem, adjust the position of the EC5805 or move it to a more favorable location.

. 2 Check and record the following settings for your client and your EC5805: SSID, WEP type, and key. The SSID of the client must be set to **ANY** or to the same value as that of the EC5805. The WEP type and key of the client must be the same as that of the EC5805. Change the settings as needed.

. 3 Check whether the WLAN MAC Filter function is enabled on the EC5805. If the function is enabled, ensure that all relevant parameters are set correctly. See **WLAN MAC Filter** on the web management page for more information.

What can I do if I forgot the default IP address of the web management page?

. 1 If you have obtained an IP address automatically, enter **http://E5.home** and log in to the web management page.

. 2 Restore the factory defaults.